

More Water\$mart Workshops

FREE Classes

More popular Water\$mart workshops have been scheduled for this summer. These free workshops, sponsored by Tucson Water, help you design, install, operate, and maintain a water smart drip irrigation system at your home.

Workshops also include information on xeriscaping—selecting low water use plants for your garden. Class size is limited and reservations are required. Call 622-7701 to reserve your place.

July 20, 2002

Tohono Chul Park (Desert Discovery Center), 7366 N. Paseo Del Norte

9:00am-12:00pm Desert Landscaping
1:00-3:00pm Water Harvesting

July 27, 2002

Pima County Cooperative Extension

4210 N. Campbell Avenue

1:00-3:00pm Irrigation Timers

July 31, 2002

Tucson Botanical Gardens (Porter Hall)

2150 N. Alvernon Way

9:00-11:00am Water Harvesting

August 10, 2002

Wilmot Library, 530 N. Wilmot

9:00am-12:00pm Desert Landscaping
1:00-3:00pm Water Harvesting

For more information,
visit Tucson Water's web site at
www.cityoftucson.org/water
and click on the "events" button.

YOUR WATER Connection

News & Tips for Tucson Water Customers

Annual Water Quality Report in the Mail

Most everything you want to know about the quality of your drinking water is found in Tucson Water's Annual Water Quality Report. You'll find it in your mailbox sometime during June. The Annual Report includes detailed information about the results of the water quality testing done by Tucson Water throughout the year 2001. The Water Quality Laboratory conducted more than 10,000 tests on drinking water quality and in every case Tucson's water met all Federal, State and local drinking water standards. For up-to-date water quality information in your neighborhood, visit Tucson Water's web site at www.cityoftucson.org/water.

Straight From Pete's Beak!

Be Water Wise this Summer

There was a Gene Autry movie playing at the Fox Theater, the family gathered around the radio to listen to the Andrews Sisters and Tucson was a town of 35,000 people. It was the 1930s. This summer, Pete the Beak, Tucson Water's mascot, takes us back to the 1930s when his grandfather, Jebediah "Arizona" Beak, explored Tucson's rivers and streams and encouraged citizens to use water wisely. In those days, water flowed in the Santa Cruz River and native trees and grasses flourished along the flowing streams. But decades of pumping too much groundwater have caused the water table to drop and many of our riparian areas to disappear. Today, we're finding ways to conserve our precious groundwater and help the water table rise again.

Colorado River water is a renewable resource that's helping us protect our environment from groundwater overpumping. For more than a year, Tucson Water has been delivering an average of 20 million gallons a day of a blend of recharged Colorado River water and groundwater to customers. By reducing our dependence on groundwater, we've been able to turn off more than 25 wells in the central city and allow Tucson's water table to begin to recover-

as much as 10 feet in some places. This summer, with all of us working together to use water wisely, we can turn off more wells and see even more improvement.

It's the little things we do all year long that help conserve water-like turning off the tap when you brush your teeth. A water-saving showerhead can save two

and a half gallons for every minute you shower. Top off the washing machine-full loads of laundry save water and dollars.

More than half of all the water we use during the summer months is used outdoors, so the plant and gardening decisions we make can impact how water wise we can be.

A water-conserving landscape design and well-maintained irrigation system can save water and reduce your water bill.

To learn more about being water wise, call Tucson Water's Conservation Office at 791-4556 or look for information on our website (www.cityoftucson.org/water). Remember... If We're Water Wise, the Water Table Will Rise!





On the Water Front



Your water quality is as important to us as it is to you. At Tucson Water we take very seriously the responsibility of providing you with clean, safe water 365 days a year.

Our professional water quality staff tests water throughout our water system regularly, at more than 250 distribution system sampling points and 200 well sites, including the Clearwater Renewable Resource Facility. We test for more than 100 compounds and water characteristics.

At our State-certified Water Quality Laboratory we use the latest technology to ensure the water we deliver to you is of the highest quality and we report those results to you each month in this newsletter. We are also required to report the results of our monitoring and testing to the Arizona Department of Environmental Quality that administers the federal drinking water standards set by the U. S. Environmental Protection Agency.

This summer, with the help of the EMPACT grant we received from the EPA, we're completing the installation of 22 water quality monitoring sites that will continuously monitor for water characteristics like pH and chlorine level and automatically send this information to our web site where you can access it anytime.

I'm extremely proud of the professionalism and ability of our water quality staff. They have helped make Tucson Water a national leader in the water utility field and are often called upon by other water utilities and

organizations to participate in water quality research. We have several of these research programs underway right now - our arsenic treatment research that we are conducting with the American Water Works Association being one example.

A detailed report of our water quality testing during 2001 is contained in our Annual Water Quality Report that you will be receiving in the mail this month. It's a good example of the work Tucson Water does every day to make sure you and your families have enough quality water to meet your needs.

David V. Modeer
Director, Tucson Water

Visit the Tucson Water Web Site at <http://www.cityoftucson.org/water>

The Water Connection is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to: Customer Information, P.O. Box 27210, Tucson, AZ 85726-7210.

City of Tucson TTY number: 791-2639

Si usted desea este documento escrito en español, por favor, llame al 791-4331.



Clearwater Quality Report – May 2002

45*	Sodium (ppm)
274	Mineral Content (ppm)
92*	Hardness (ppm)
8.01	pH (units)
Neg*	Coliform Bacteria
1.07	Chlorine level average (ppm)
86.2	Temp (deg F)

* Values for April

GROUNDWATER QUALITY REPORT - March 2002

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average	51	42	43	38	41	39	32	41	47	40	41
	Range	35-70	38-45	26-58	30-50	34-44	27-44	27-43	32-47	40-60	39-41	26-70
Mineral Content (ppm)	Average	439	280	341	239	253	259	236	314	270	238	279
	Range	198-546	268-301	203-479	188-357	164-307	205-294	180-289	220-429	214-619	217-260	164-619
Hardness (ppm)	Average	154	115	131	98	108	110	115	147	110	78	117
	Range	59-204	110-122	84-198	70-145	100-126	80-133	106-141	82-198	75-190	74-80	59-204
pH (units)	Average	7.6	8.0	8.0	8.0	7.8	7.9	7.8	7.7	7.9	7.8	7.9
	Range	7.4-8.1	7.8-8.3	7.7-8.3	7.7-8.3	7.2-8.2	7.4-8.1	7.6-8.0	7.4-8.1	7.2-8.2	7.7-7.9	7.2-8.3
Temperature (deg F)	Average	72	75	73	78	75	74	73	75	77	76	75
	Range	70-75	70-81	69-82	73-82	67-84	69-80	66-78	70-81	70-82	68-82	66-84

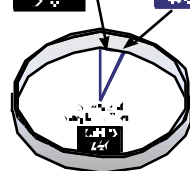
COLIFORM BACTERIA TESTING RESULTS - March 2002

Groundwater Quality Report



The Standard for Positive Samples
5%

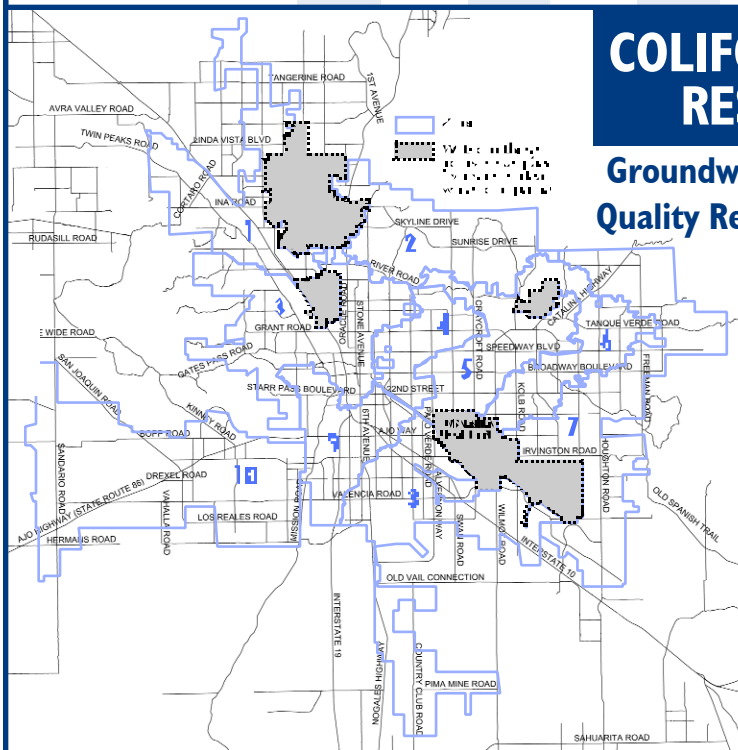
Number of Positive Samples for Total Coliform
40%



Chlorine Level Average

1.1 to 1.2 ppm

Monthly Average
0.9 ppm



“PPM” means one part per million & is about the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10 zones

based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.